

Title (en)

METHOD AND DEVICE FOR CHARGING A STRATIFIED THERMAL ENERGY STORE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BELADEN EINES THERMISCHEN SCHICHTSPEICHERS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR CHARGER UN ACCUMULATEUR EN COUCHES THERMIQUE

Publication

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Application

EP 15702408 A 20150121

Priority

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Abstract (en)

[origin: WO2015121039A1] The invention relates to a method and a device for charging a stratified thermal energy store (2, 3), according to which method a working fluid (4) of a heat pump (6) is introduced in the gaseous phase into a liquid heat transfer medium (10) of the stratified thermal energy store (2, 3) at at least one introduction point (8) and is brought into direct physical contact with the heat transfer medium (10), the pressure in the stratified thermal energy store (2, 3) at the introduction point (8) being greater than or equal to the condensation pressure of the working fluid (4).

IPC 8 full level

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Citation (search report)

See references of WO 2015121039A1

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